

Name: _____

at1110paper__practice__test (v8)

1. Factor the expression.

$$64x^2 - 25$$

2. Solve the equation.

$$12x^2 - 9x + 7 = 5x^2 + 2x + 3$$

3. Expand the following expression into standard form.

$$(3x + 8)^2$$

4. Factor the expression.

$$x^2 - 12x + 35$$

5. Expand the following expression into standard form.

$$(9x + 4)(9x - 4)$$

6. Expand the following expression into standard form.

$$(9x + 5)(3x + 8)$$

7. Solve the equation.

$$(4x + 5)(7x - 2) = 0$$

8. Solve the equation with factoring by grouping.

$$12x^2 + 18x - 10x - 15 = 0$$